Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085286.D
Acq On : 9 Mar 2016 5:35
Operator : UM/SJ
Sample : H1703-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-53COMP(0.5-2.75)

Quant Time: Mar 09 06:02:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	151436	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	553050	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	264692	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	447448	20.00	ng		-0.02
75) Chrysene-d12	14.12	240	276628	20.00	ng		-0.03
86) Perylene-d12	15.59	264	277835	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1047380	116.01	ng		-0.01
7) Phenol-d6	6.58	99	1287269	108.83	ng		-0.02
23) Nitrobenzene-d5	7.52	82	839197	81.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	290521	128.27	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1456082	83.66	ng		-0.02
78) Terphenyl-d14	13.07	244	919891	77.20	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	1053	Below Cal		#	83
19) n-Nitroso-di-n-propylamine	7.52	70	112936	14.65	ng	#	78
25) Isophorone	7.52	82	644086	33.63	ng	#	67
49) Dimethylphthalate	9.72	163	225077	11.08	ng		98
56) 2,4-Dinitrotoluene	10.00	165	33757	6.07	ng	#	22
66) 4-Bromophenyl-phenylether	10.79	248	21598	4.97	ng	#	1
70) Phenanthrene	11.51	178	48300	2.06	ng		95
74) Fluoranthene	12.70	202	75235	3.20	ng		94
77) Pyrene	12.93	202	66317	3.19	ng		95
80) Benzo(a)anthracene	14.11	228	36170	2.18	ng		99
82) Chrysene	14.11	228	36170	2.36	ng		96
83) Bis(2-ethylhexyl)phthalate	14.09	149	36729	2.95	ng		99
84) Di-n-octyl phthalate	14.71	149	39376	2.08	ng	#	89
87) Benzo(b)fluoranthene	15.16	252	54332	2.93	ng		96
88) Benzo(k)fluoranthene	15.16	252	54332	3.64	ng		95
89) Benzo(a)pyrene	15.52	252	31037	2.02	ng	#	93

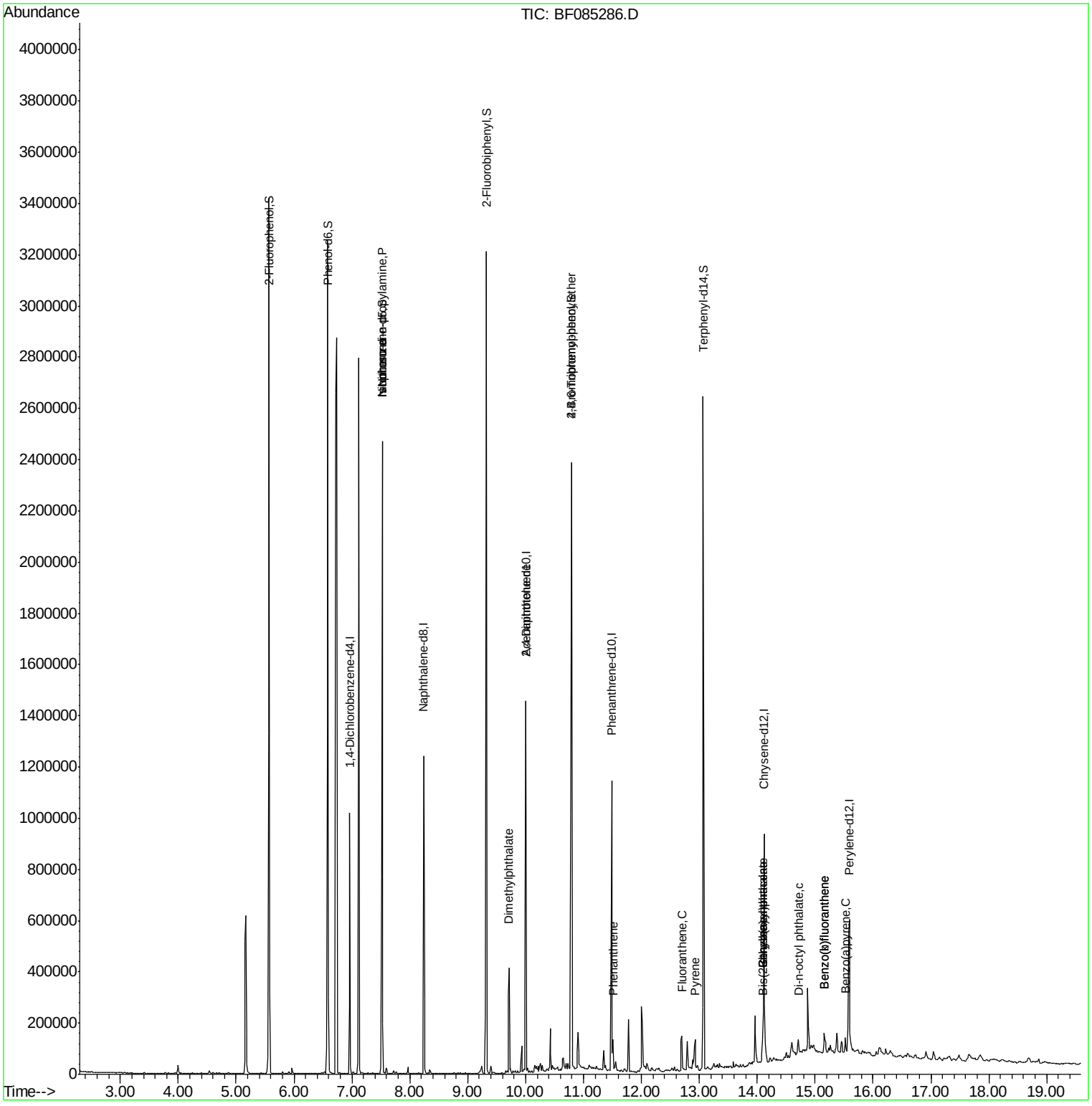
(#) = qualifier out of range (m) = manual integration (+) = signals summed

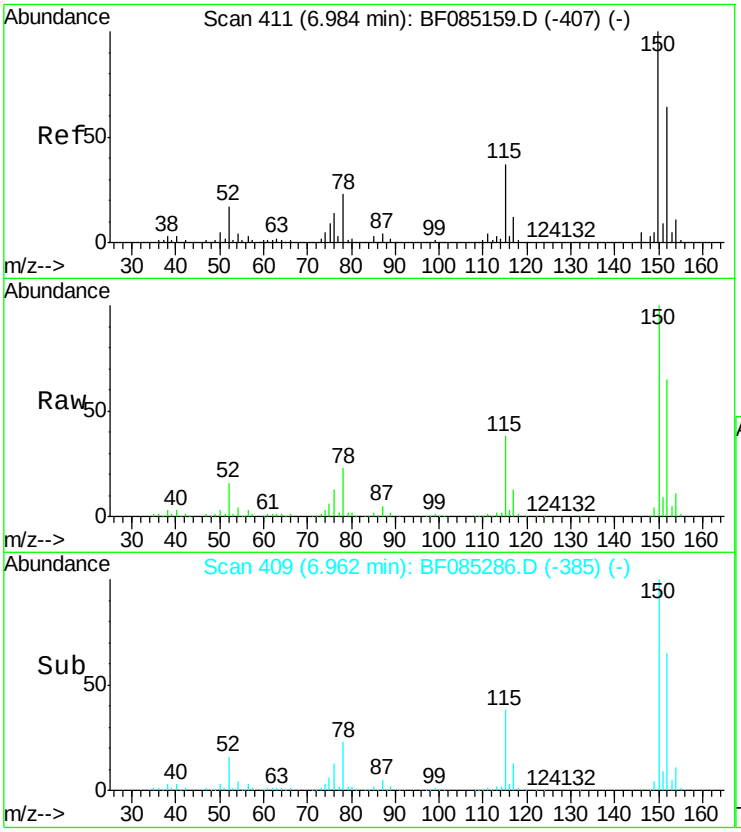
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085286.D
Acq On : 9 Mar 2016 5:35
Operator : UM/SJ
Sample : H1703-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Quant Time: Mar 09 06:02:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



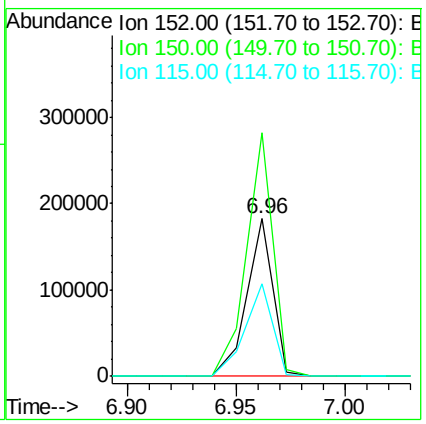


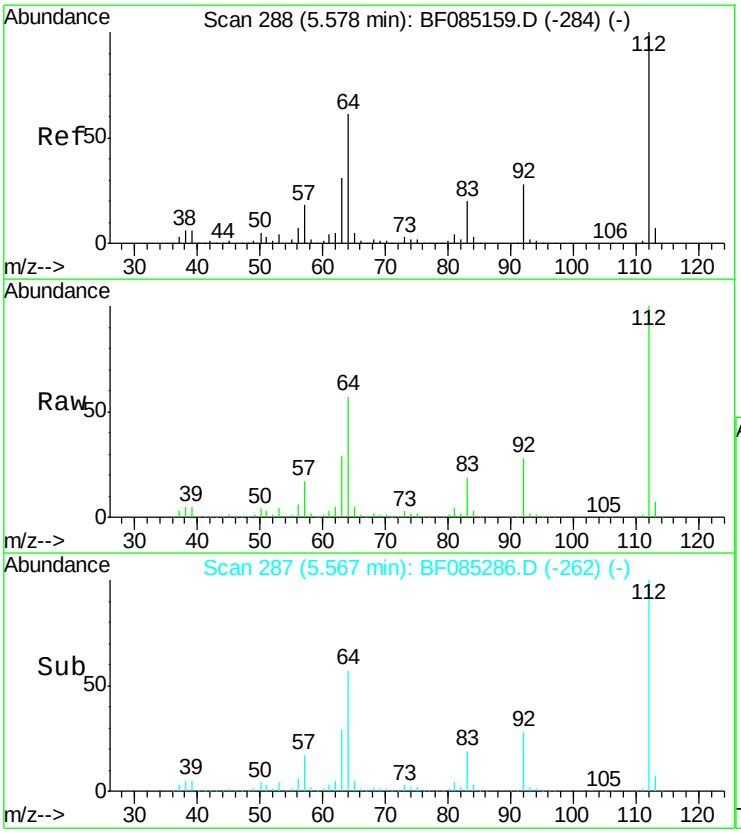
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:152 Resp: 151436

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.2	46.6	70.0

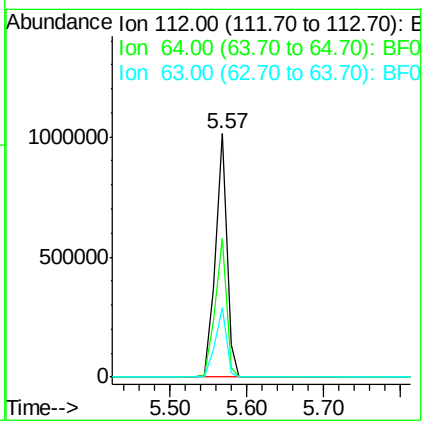


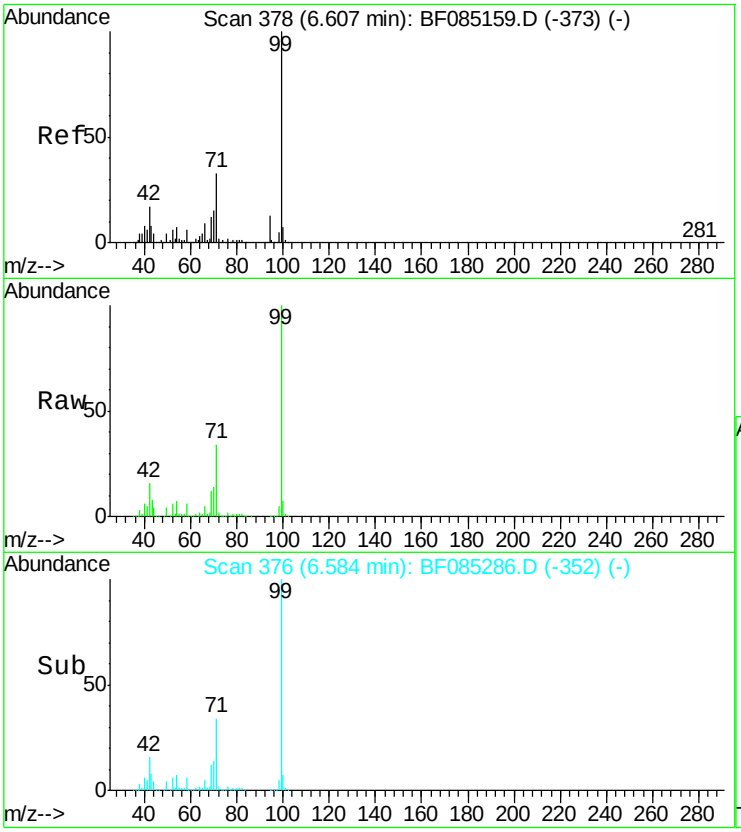


#5
2-Fluorophenol
Concen: 116.01 ng
RT: 5.57 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:112 Resp: 1047380

Ion	Ratio	Lower	Upper
112	100		
64	57.0	49.0	73.4
63	28.7	24.8	37.2



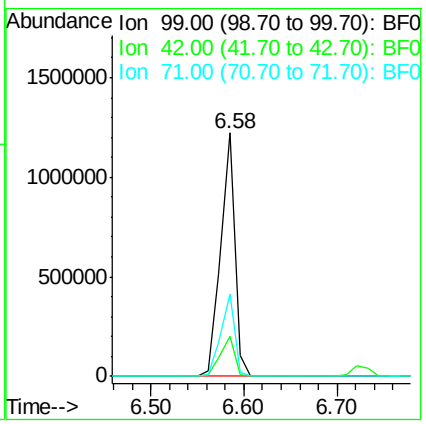


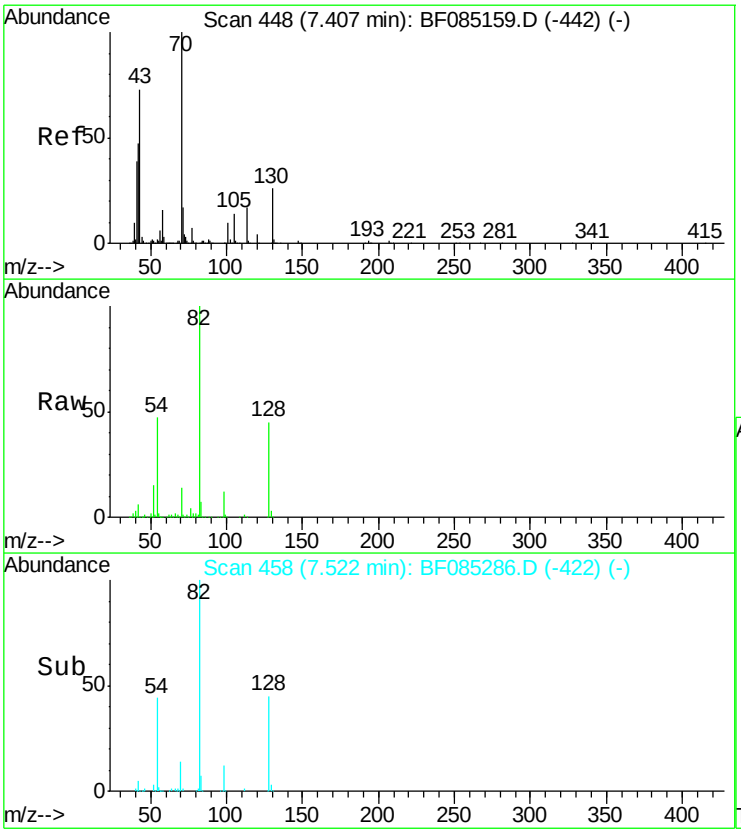
#7
Phenol-d6
Concen: 108.83 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion: 99 Resp: 1287269

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	33.7	26.7	40.1

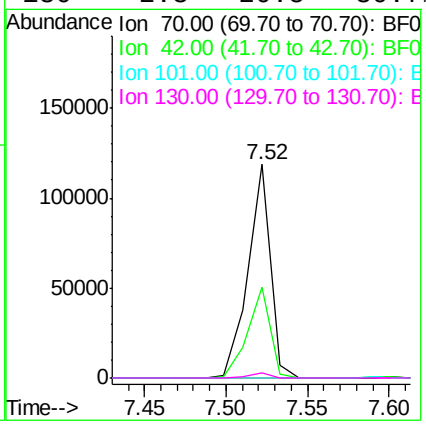


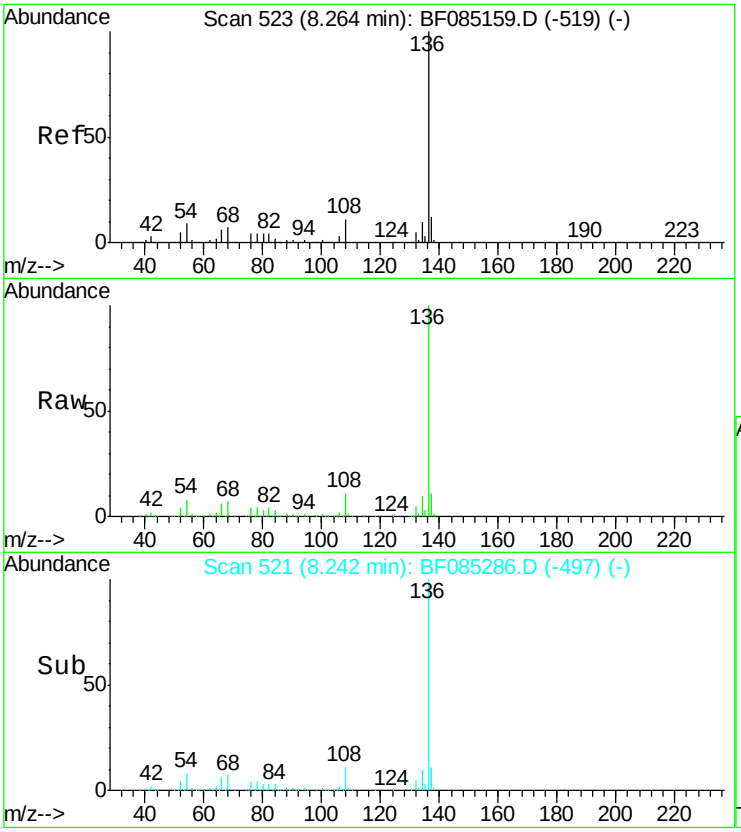


#19
n-Nitroso-di-n-propylamine
Concen: 14.65 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion: 70 Resp: 112936

Ion	Ratio	Lower	Upper
70	100		
42	42.3	37.7	56.5
101	0.0	8.2	12.4#
130	2.3	20.5	30.7#



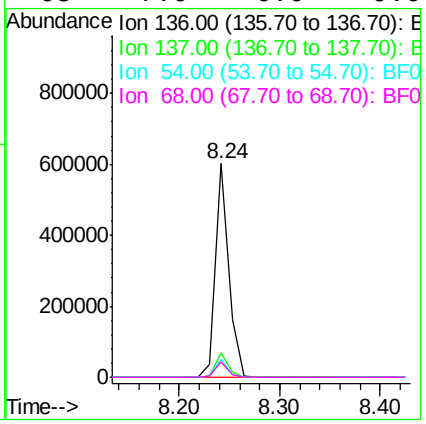


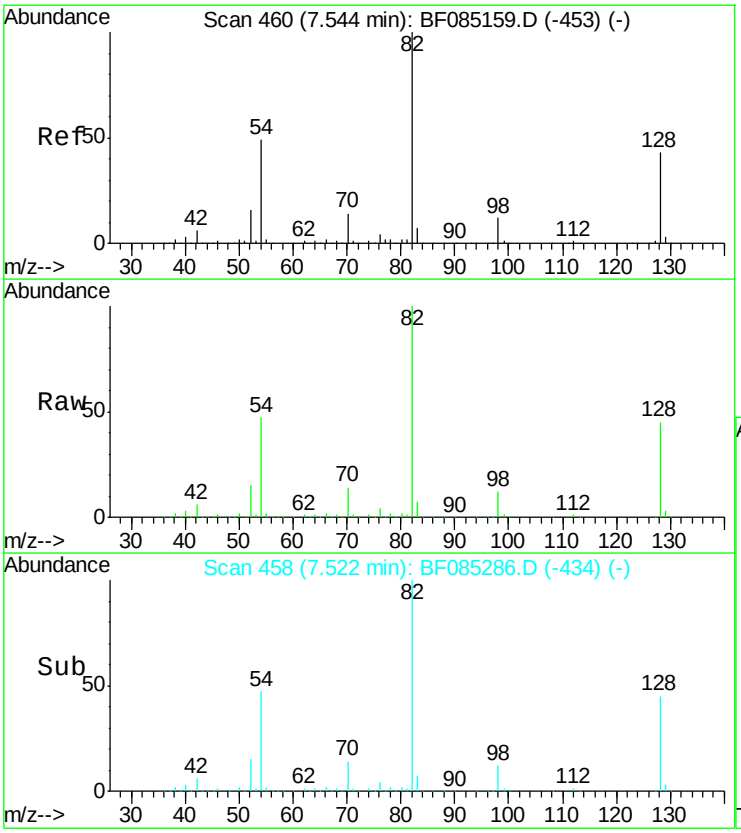
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:136 Resp: 553050

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.4	7.4	11.2
68	7.0	6.0	9.0

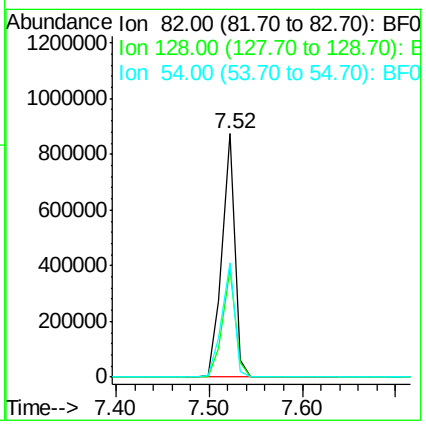


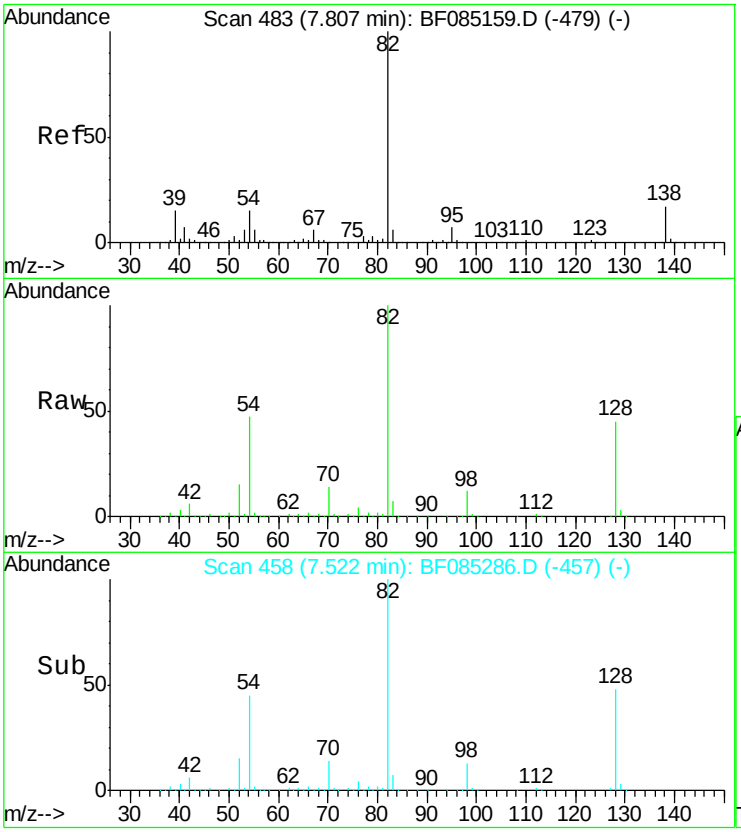


#23
Nitrobenzene-d5
Concen: 81.20 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion: 82 Resp: 839197

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.5	51.7
54	46.9	39.3	58.9



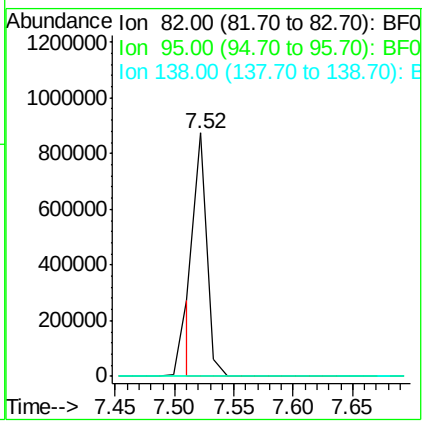


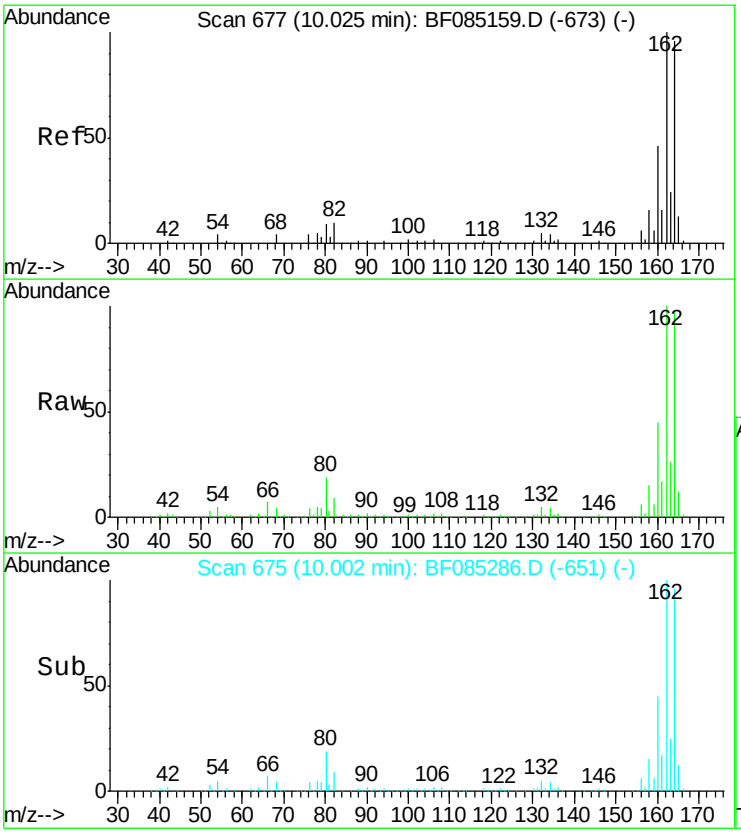
#25
Isophorone
Concen: 33.63 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion: 82 Resp: 644086

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.3	19.9#

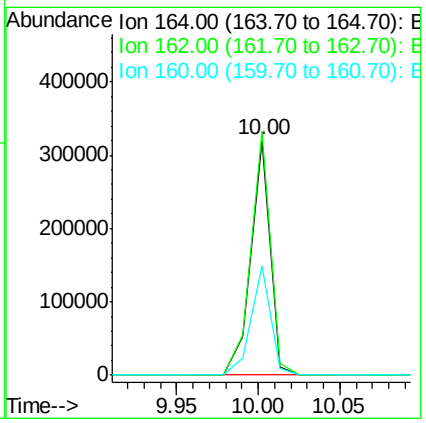


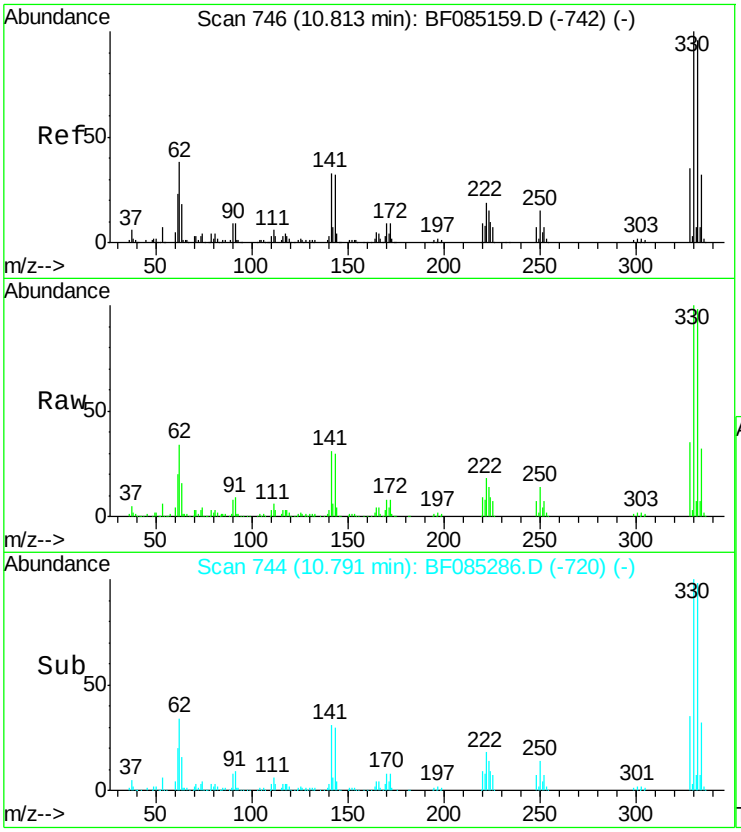


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:164 Resp: 264692

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.3	124.9
160	46.6	37.9	56.9



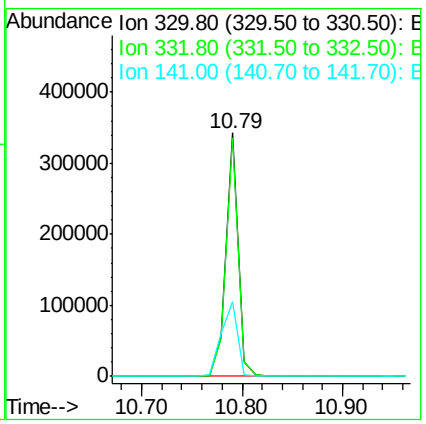


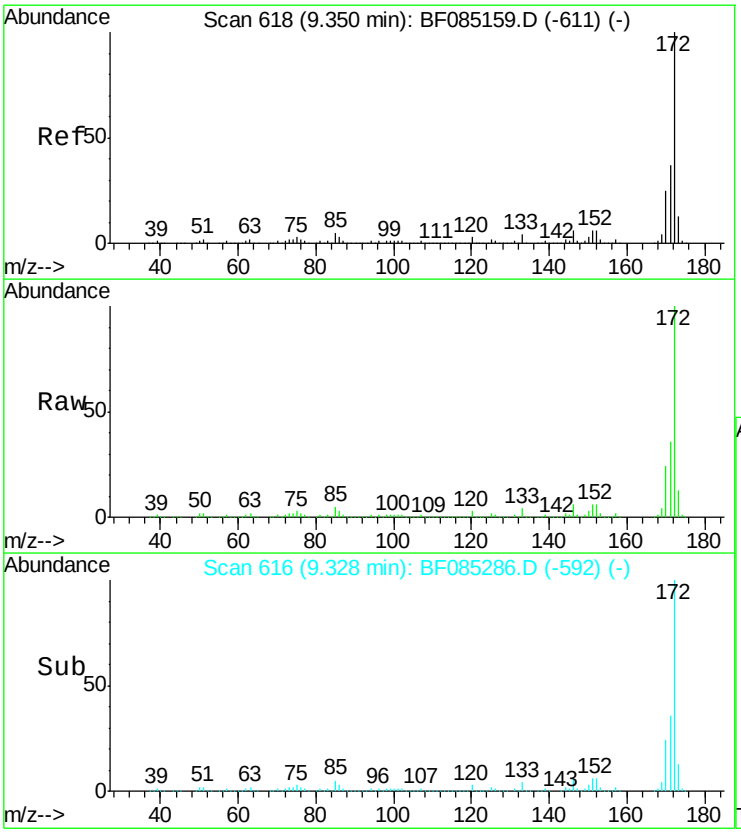
#41
2,4,6-Tribromophenol
Concen: 128.27 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:330 Resp: 290521

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	40.4	35.0	52.6

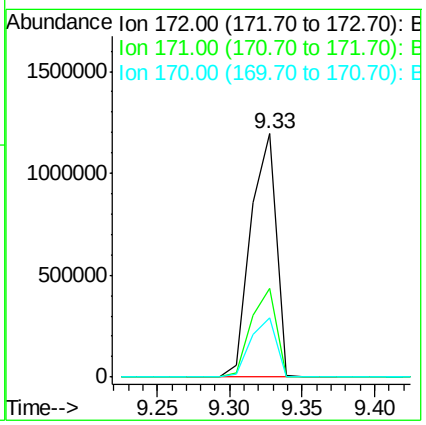


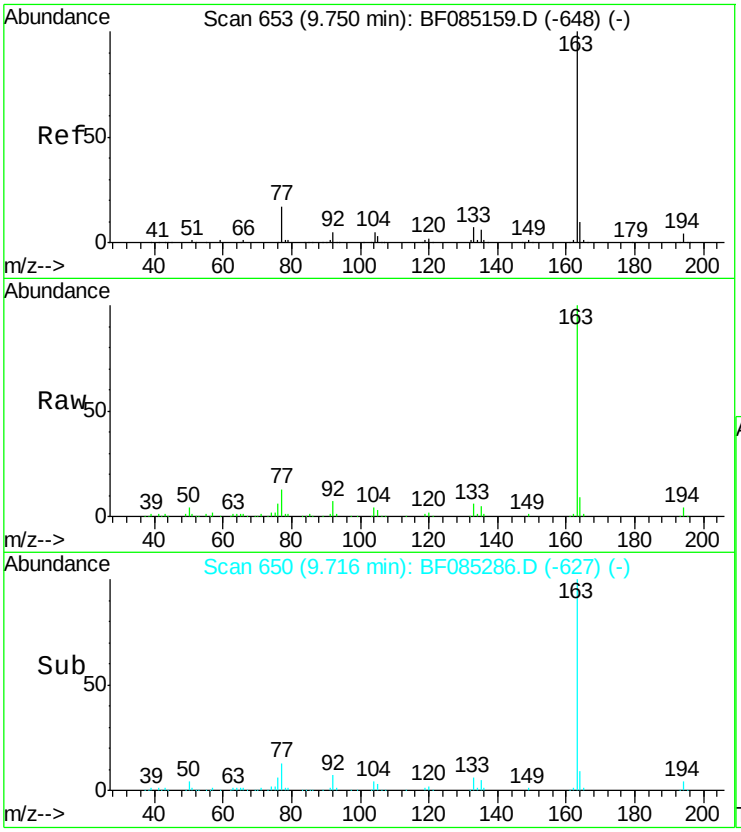


#44
2-Fluorobiphenyl
Concen: 83.66 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:172 Resp: 1456082

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.2	20.0	30.0



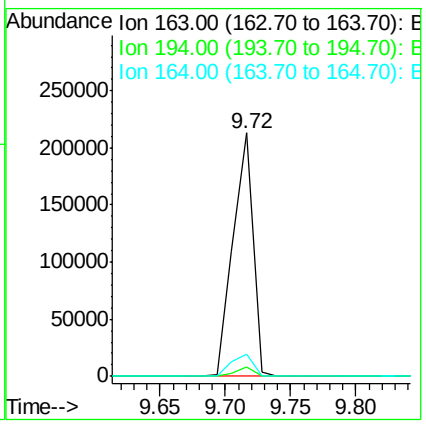


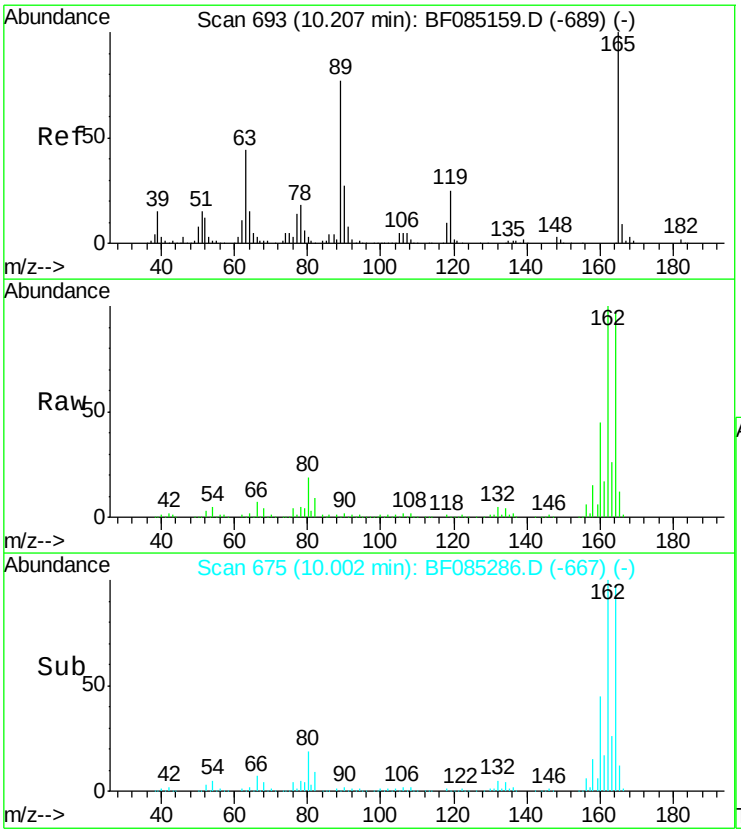
#49
Dimethylphthalate
Concen: 11.08 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:163 Resp: 225077

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.2	8.2	12.4

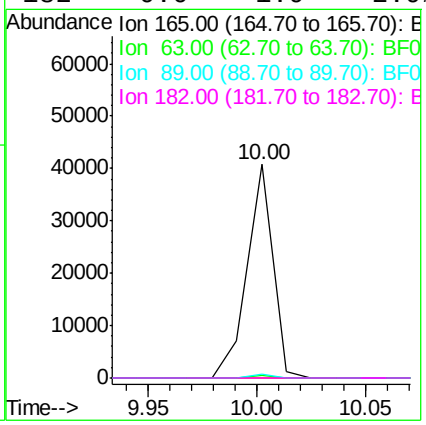


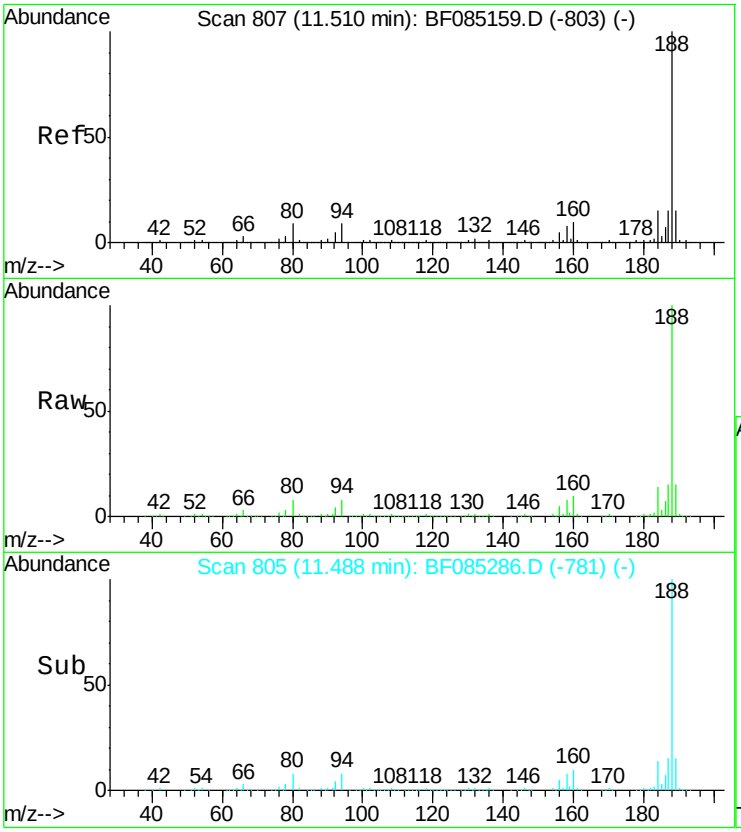


#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:165 Resp: 33757

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



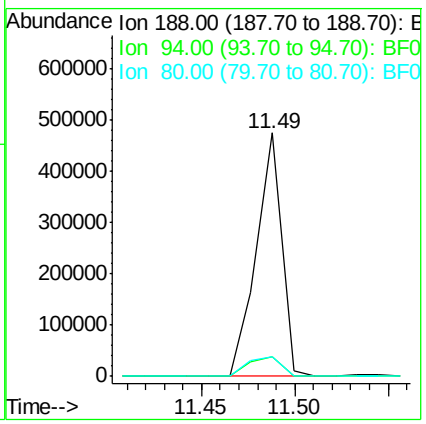


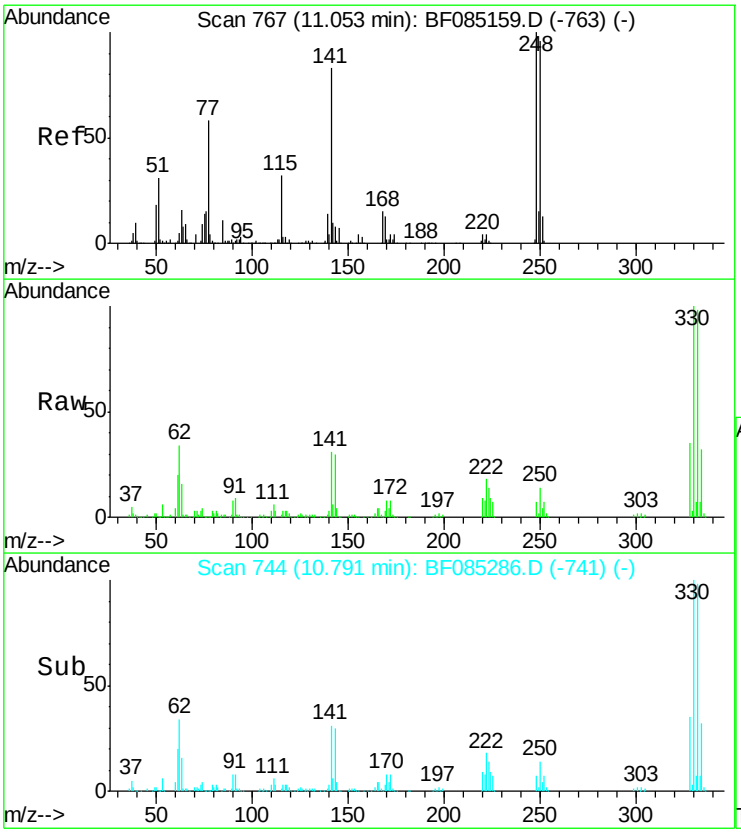
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:188 Resp: 447448

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	8.1	7.4	11.0

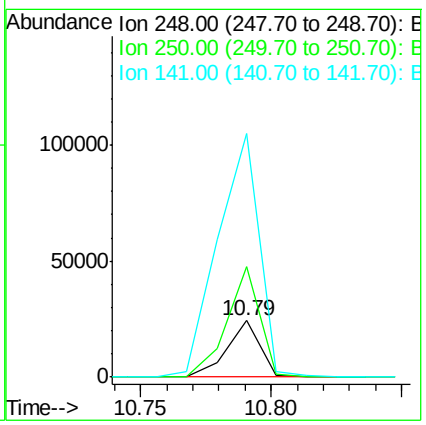


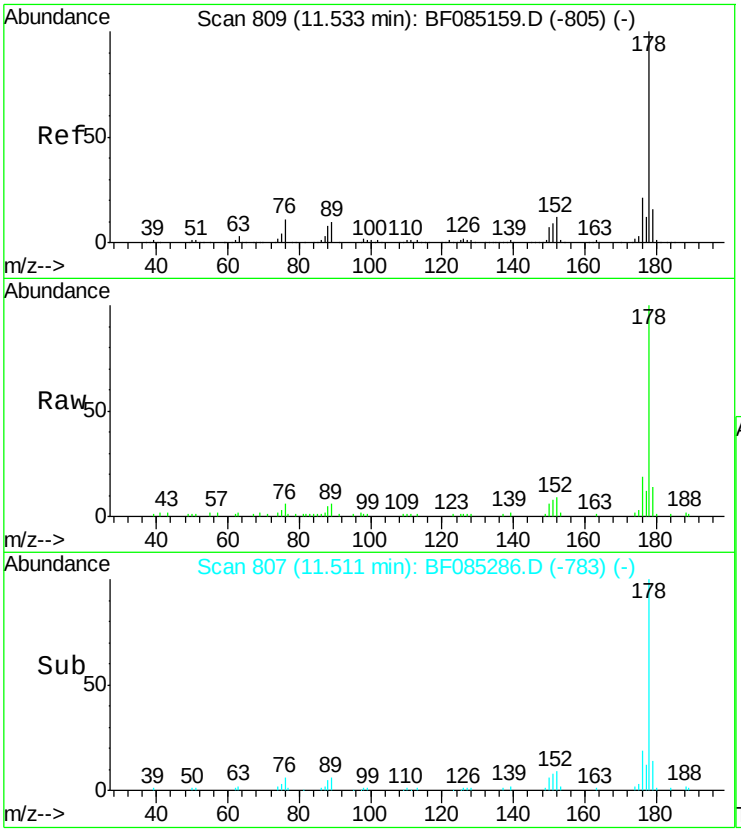


#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:248 Resp: 21598

Ion	Ratio	Lower	Upper
248	100		
250	194.7	77.1	115.7#
141	429.5	66.2	99.2#



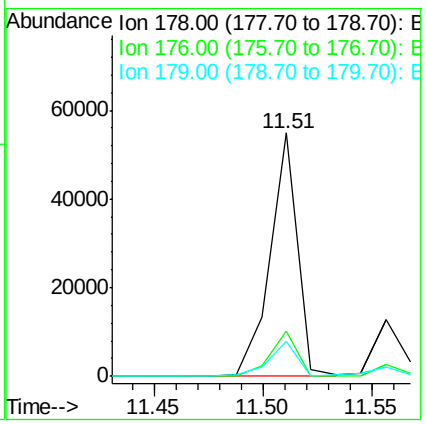


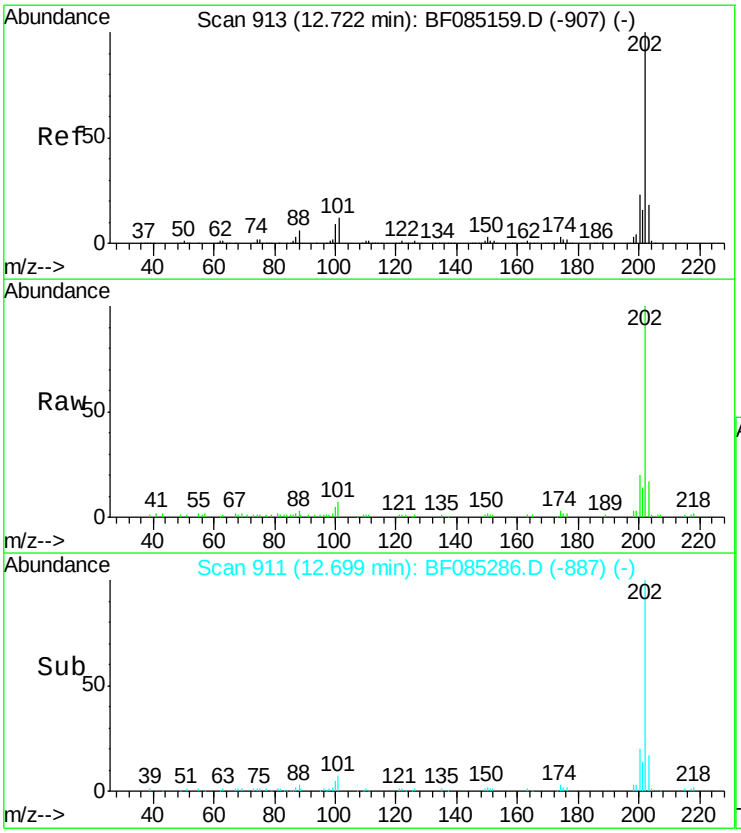
#70
Phenanthrene
Concen: 2.06 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:178 Resp: 48300

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.8	25.2
179	14.4	13.1	19.7

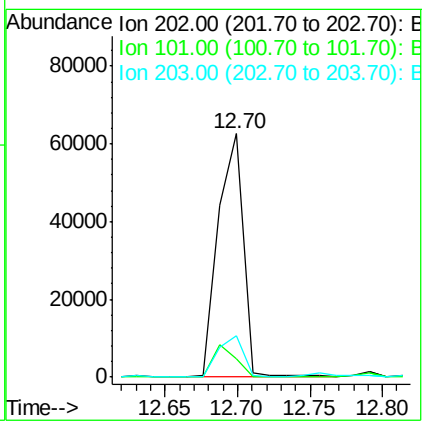


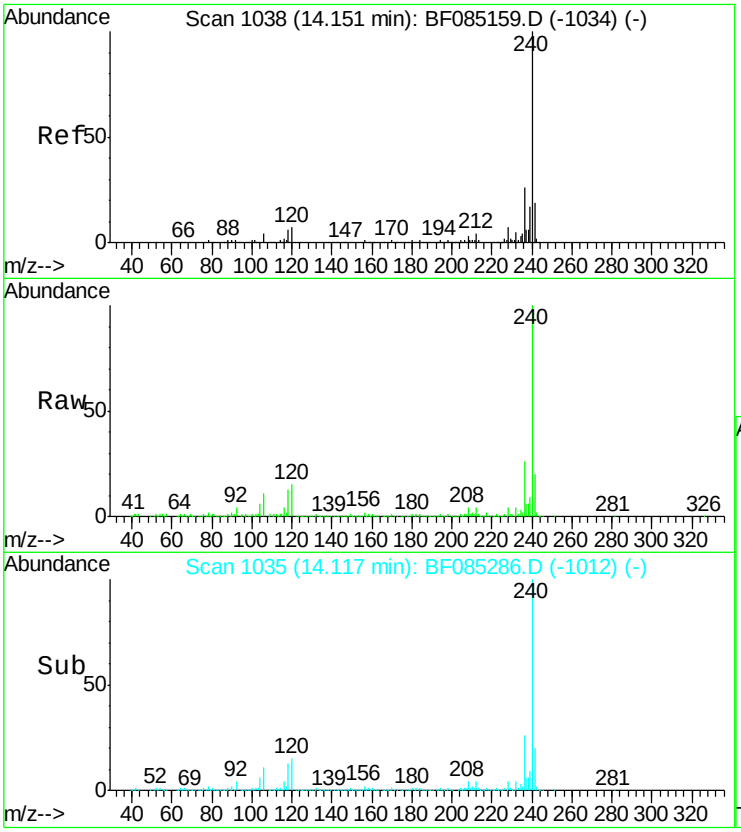


#74
Fluoranthene
Concen: 3.20 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:202 Resp: 75235

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	31.8
203	17.0	0.0	38.4



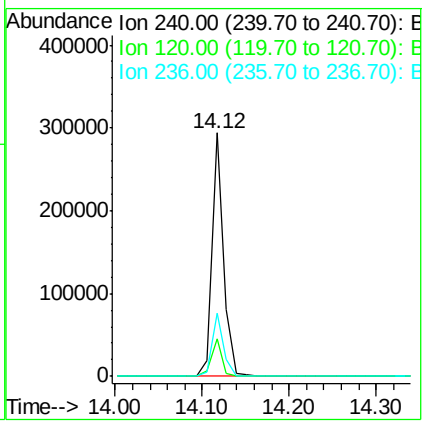


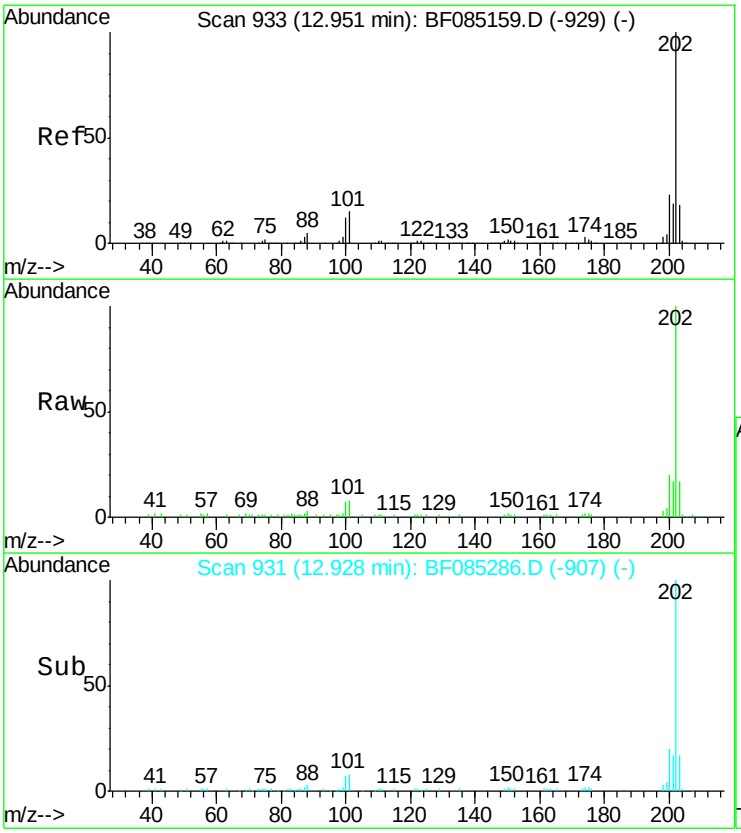
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:240 Resp: 276628

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.3	7.9#
236	25.9	20.7	31.1

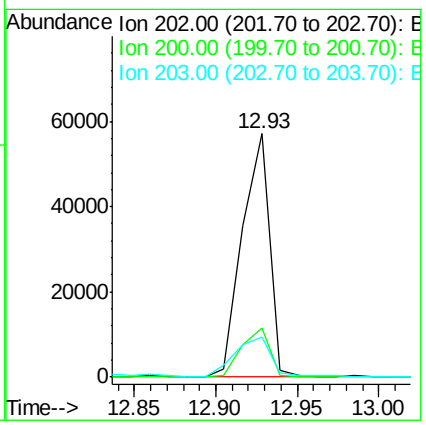


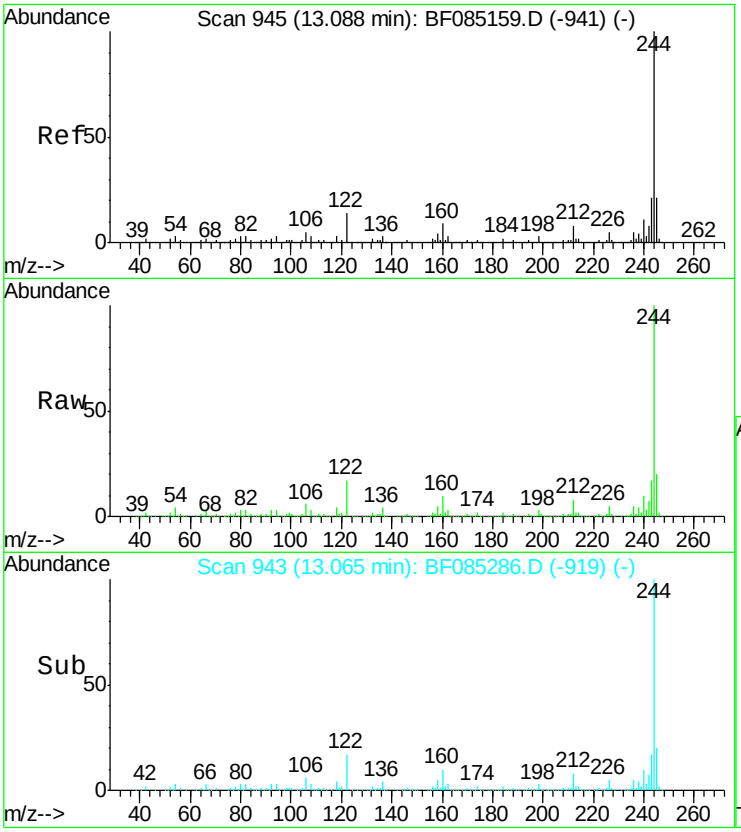


#77
Pyrene
Concen: 3.19 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:202 Resp: 66317

Ion	Ratio	Lower	Upper
202	100		
200	20.0	18.2	27.4
203	16.7	14.7	22.1



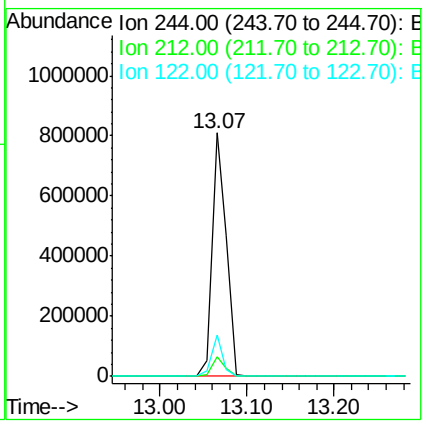


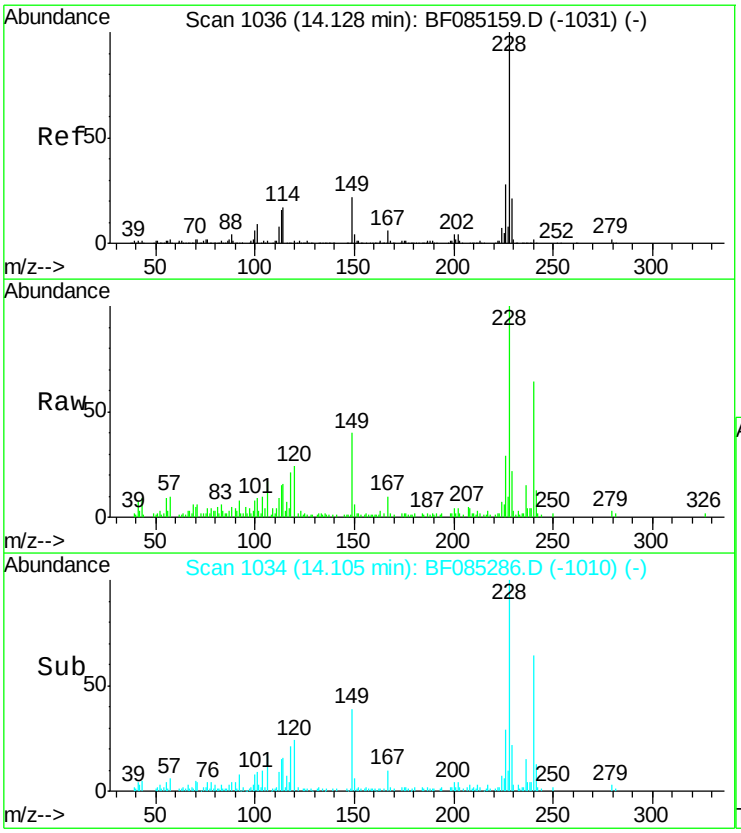
#78
Terphenyl-d14
Concen: 77.20 ng
RT: 13.07 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:244 Resp: 919891

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	17.0	11.4	17.2

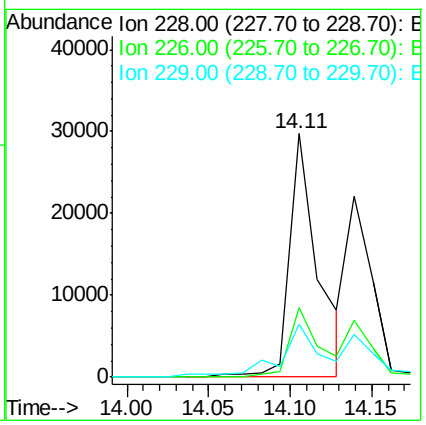


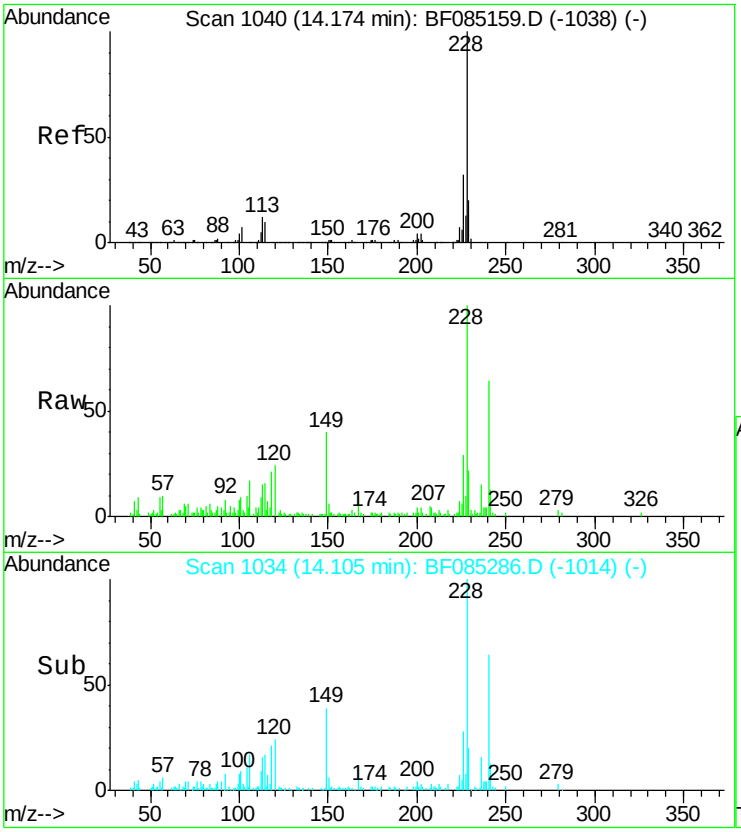


#80
Benzo(a)anthracene
Concen: 2.18 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:228 Resp: 36170

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.8	34.2
229	21.5	16.6	24.8



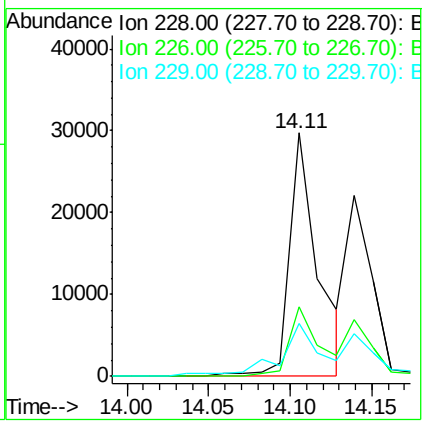


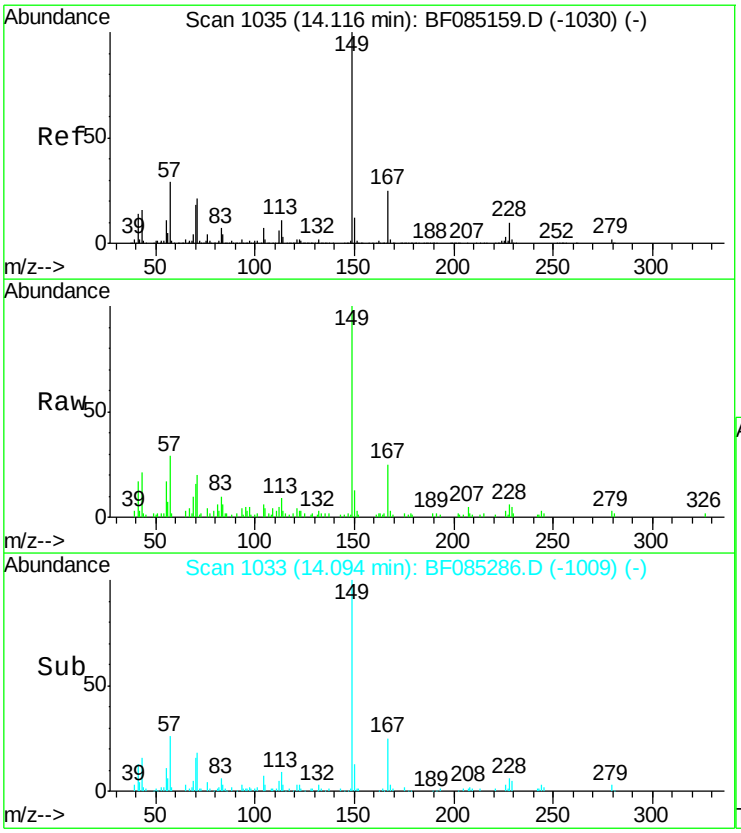
#82
Chrysene
Concen: 2.36 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:228 Resp: 36170

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.2	37.8
229	21.5	16.0	24.0

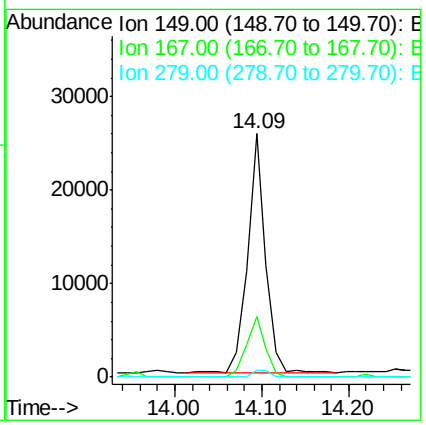


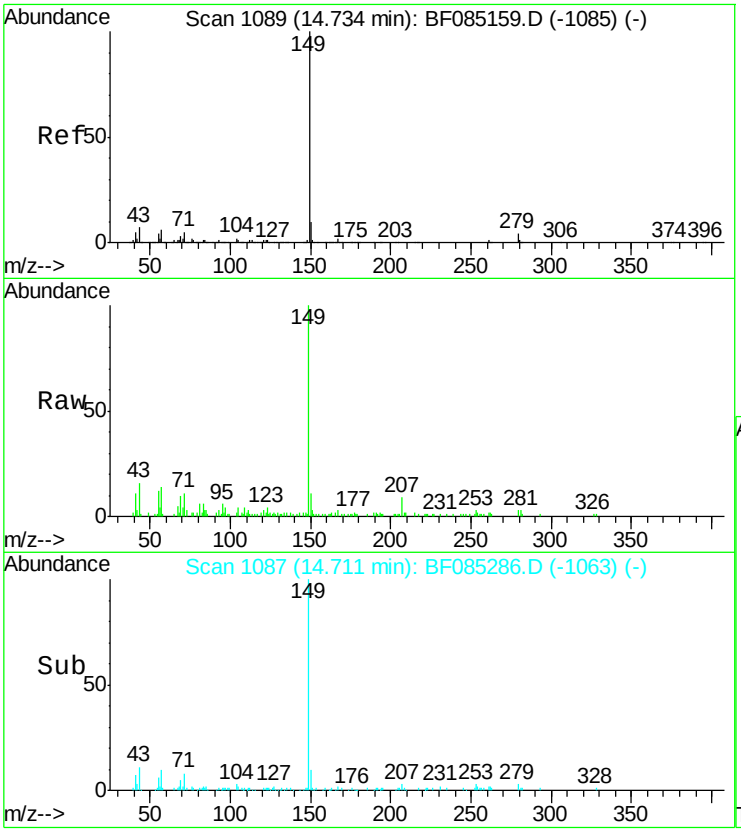


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.95 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:149 Resp: 36729

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.3	30.5
279	2.8	1.9	2.9



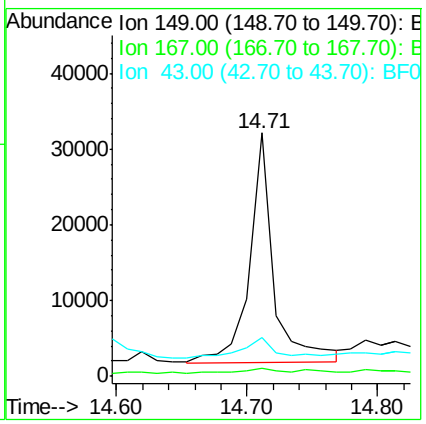


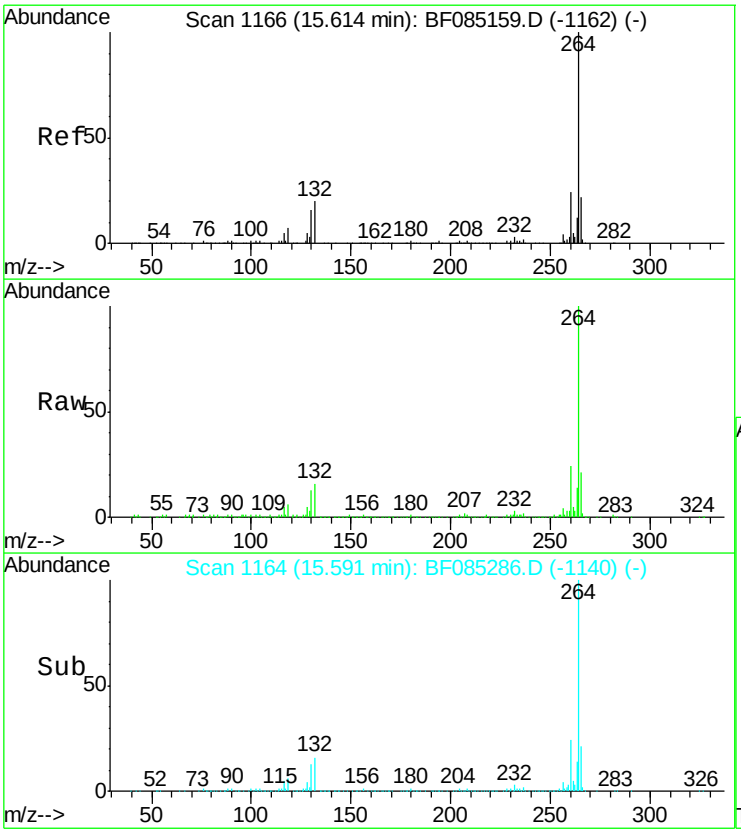
#84
Di-n-octyl phthalate
Concen: 2.08 ng
RT: 14.71 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:149 Resp: 39376

Ion	Ratio	Lower	Upper
149	100		
167	4.5	1.1	1.7#
43	14.0	7.8	11.8#

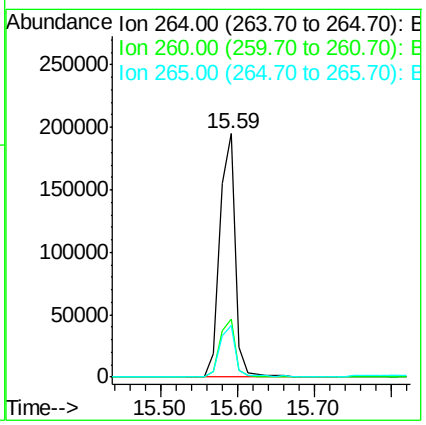


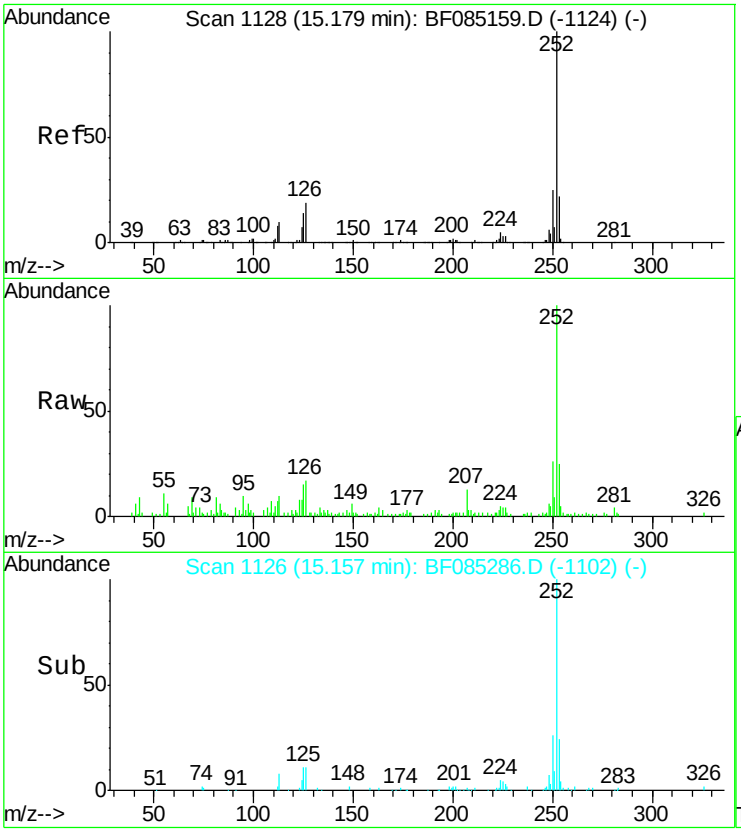


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:264 Resp: 277835

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.9	17.3	25.9



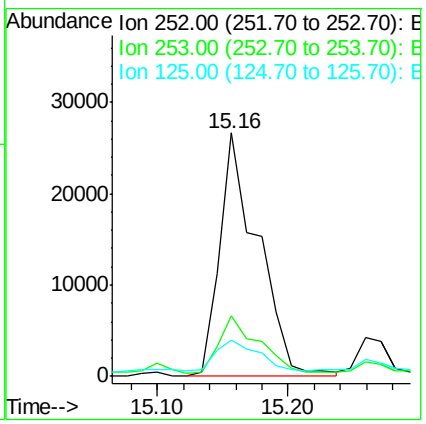


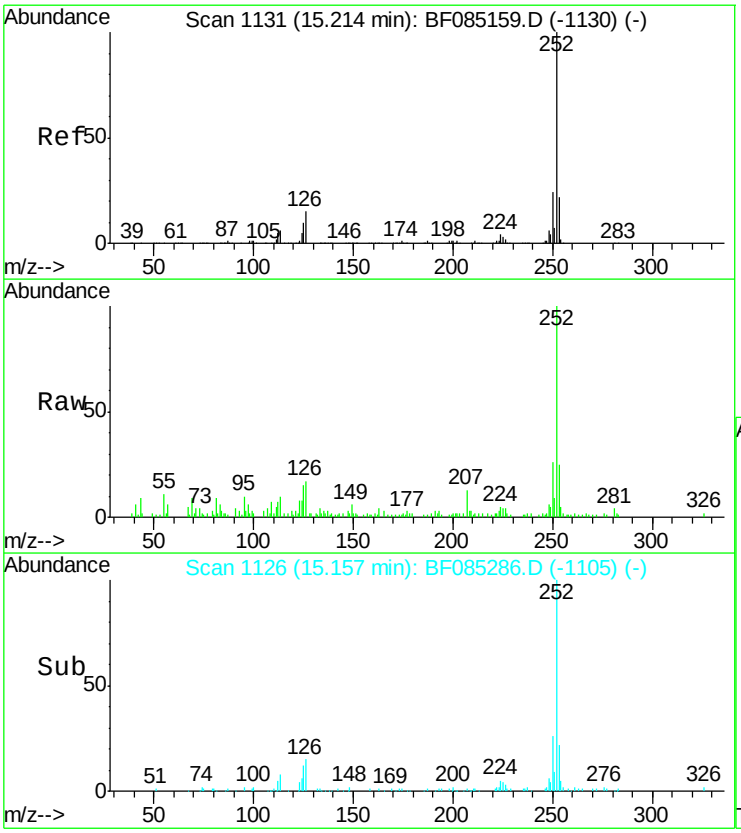
#87
Benzo(b)fluoranthene
Concen: 2.93 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:252 Resp: 54332

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	14.9	11.3	16.9

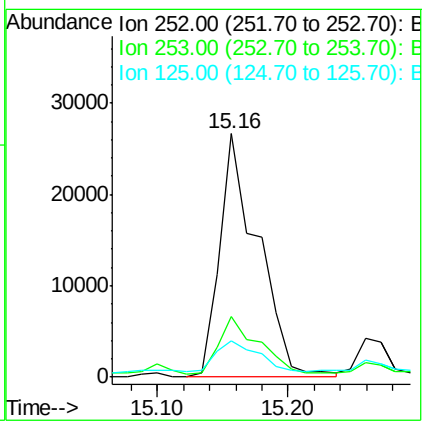


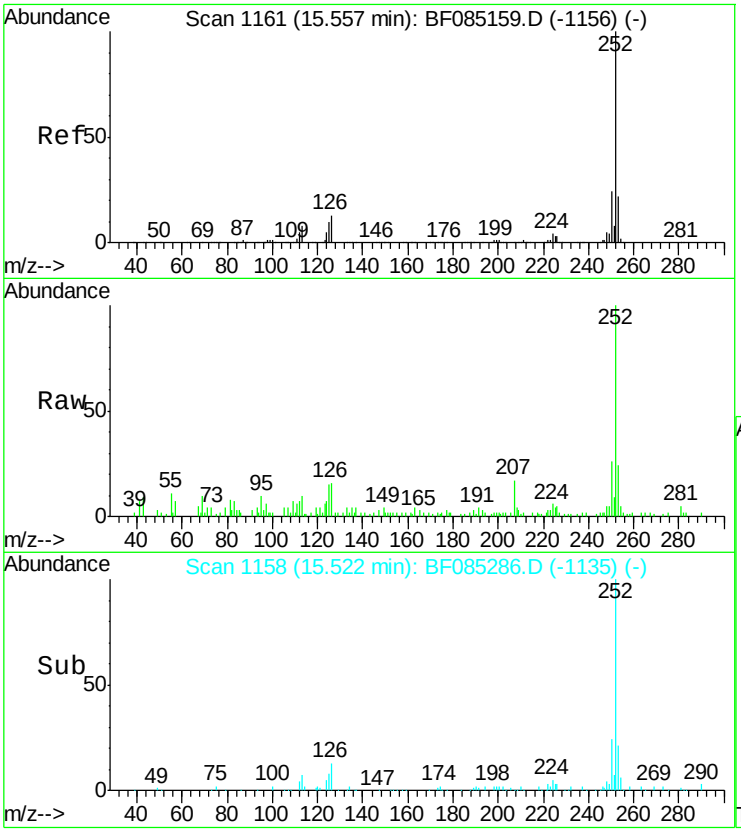


#88
Benzo(k)fluoranthene
Concen: 3.64 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Tgt Ion:252 Resp: 54332

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	14.9	10.4	15.6





#89
Benzo(a)pyrene
Concen: 2.02 ng
RT: 15.52 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF085286.D
Acq: 9 Mar 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-53COMP(0.5-2.75)

Tgt Ion:252 Resp: 31037

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	14.7	8.2	12.4#